PM GCSS-Army Work Plan for DII COE NTAG Work Plan Tasks

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PM GCSS-Army Support Team

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Objectives

- **Overall Objectives**
  - **Introduce selected NT technologies in the DII COE.**
  - **Shepherd the results of each task through the DII COE processes.**
  - **Design a plan that respects all participants' agendas.**
  - **Ensure that all work is I&RTS compliant.**

NTAG Work Plan Tasks

- ## **PM GCSS-Army Leadership**
  - **Task 5.4 Internet Information Server (IIS)**
  - **Task 5.9 Microsoft Message Queue Server (MSMQ)**
  - **Task 6.1 Windows 2000 Security Model Evaluation and Recommendations**
  - **Task 6.1.1 Public Key Infrastructures (PKI)**
  - **Task 6.2 Windows 2000 Active Directory**

Common Issues

- **Keep all work within the scope of the DII COE architecture and DoD directions**
- **Ensure that work is made available to participants and other interested organizations**
- **Satisfy as many participant objectives as possible**
- **Ensure that the minimum deliverables are generated:**
    - **Policy and practice recommendations**
    - **Requirements recommendations**
    - **NTAG Brief**

Task 5.4 Internet Information Server (IIS)

- **Explore second and third generation web technologies and their application to the DII COE**
  - **ODBC, ASP, JAVA, DAO, etc**
  - **Do not include technology being explored by other groups, i.e.- MSMQ and MTS**
- **May start with significant work already performed by some participants**
- **Each participant encouraged to stand up a web site to demonstrate selected concepts**
- **Deliverables (other than minimum deliverables):**
  - **IIS demonstration**
  - **Summary of configurations and findings**

Task 5.9 Microsoft Message Queue Server (MSMQ)

- **Explore MSMQ as a method to:**
  - **Provide communications paths between diverse operating systems in the DII COE**
  - **Provide guaranteed delivery of communications when intended nodes are reinstated to the network**
- **Explore MQ as another service of the DII COE architecture**
- **Use scenarios to evaluate MSMQ**
- **Deliverables (other than minimum deliverables):**
  - **Recommended applications of MSMQ**
  - **Results of lab testing**

Task 6.1 Windows 2000 Security Work

- **Coordinate communications among subtasks**
- **Monitor subtask performance**
- **Deconflict possible duplications of effort**
- **Deliverables will vary by subtask**
- **Coordinate with other tasks in the 6.X series**

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Task 6.1.1 Public Key Infrastructures (PKI)

- **Explore the use of PKI in the DII COE**
- **Explore the possibility of PKI as a service in the DII COE architecture**
- **Monitor DoD efforts at developing a Standard PKI and coordinate research efforts within the task**
- ***NOT A PILOT PROGRAM - this is research***
- **Deliverables (other than minimum deliverables):**
  - **Recommendations for the application of a PKI in the DII COE**
  - **Summary of lab results**

Task 6.2 Windows 2000 Active Directory

- **Explore the use of Active Directory as a directory service for the DII COE**
- **Explore the features of Active Directory as an integral part of the Windows 2000 operating system in the DII COE**
- **Explore scenarios for the use of Active Directory**
- **Deliverables (other than minimum deliverables):**
  - **Windows 2000 Active Directory feature brief and demo for the NTAG**
  - **Recommendations of Active Directory applications in the DII COE**
  - **Report of interoperability with other directory products**
  - **Findings of scenario testing**

Invitation to Participate

- **Participants are needed who will volunteer sufficient time to meet task objectives**
  - **Assist in developing final task objectives**
  - **Prefer participants with ability to perform empirical research**
- **Able to begin work by early January 1999**
  - **Compressed schedule**
  - **Fill out and execute a skeleton plan**
- **Please contact Bob Frees at (703)916-7184 or rfrees@jgvandyke.com by January 6, 1999**

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Next Steps

- **Make any changes necessary to comply with the latest version of the NTAG Work Plan**
- **Contact participants and arrange a kick off meeting**
- **Execute phase II of the task life cycle**
- **Set communications methods**
- **Plan and coordinate task work**
- **Stand up lab tasks and generate data, when appropriate**
- **Reduce and analyze data**
- **Generate and distribute documentation**